



04 OCT 2004

(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 2003/086234 A3(51) International Patent Classification⁷: D01G 13/00RENEKER, Darrell [US/US]; 300 Hampshire Road,
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(21) International Application Number:

PCT/US2003/010652

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(22) International Filing Date: 4 April 2003 (04.04.2003)

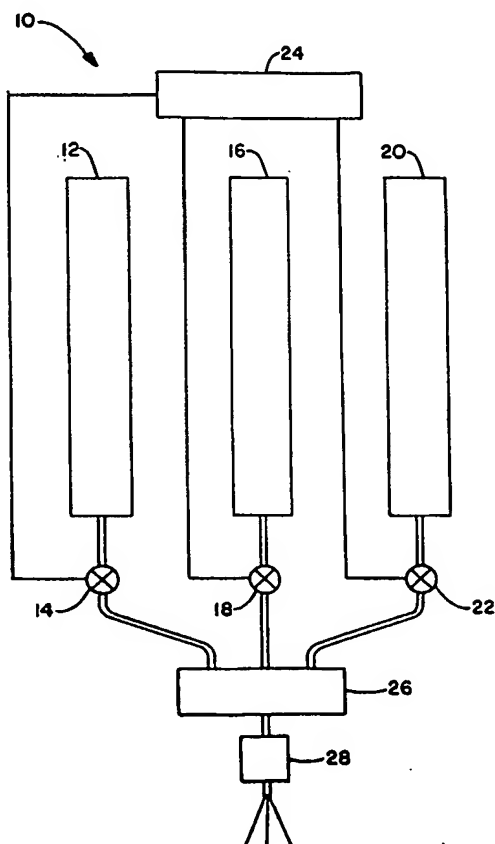
(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/370,051 4 April 2002 (04.04.2002) US(71) Applicant (for all designated States except US): THE
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Commons, Akron, OH 44325 (US).(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: NON-WOVEN FIBER ASSEMBLIES



(57) Abstract: A non-woven fiber assembly comprises one or more fibers containing an adhesive component, an elastomeric component, and a hydrophilic component. A method of making a non-woven fiber assembly comprises the steps of providing one or more fiber-forming materials comprising an adhesive component, an elastomeric component, and a hydrophilic component, and forming said one or more fiber-forming materials into at least one fiber. A method of treating a patient comprises applying a medical dressing comprising the fiber assembly of the present invention to a patient. An apparatus (10) for forming a non-woven fiber assembly comprises a plurality of reservoirs (12, 16, 20) for containing more than one type of fiber-forming material, a plurality of valves (14, 18, 22), each independently in communication with a reservoir, and a fiber-forming device (28) selected from the group consisting of a spinnerette, a NGJ nozzle, and an electrospinning device, in communication with the valves.

WO 2003/086234 A3



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
25 March 2004

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.